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- BU 9601 23 K Colombia, geothermal gradient, ground water, heat flow, hydrodynamics, Llanos, petroleum, reservoir rocks
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- BU 9602 245 K Congo Democratic Republic, Cretaceous, Jurassic, organic compounds, petroleum, source rocks, Congo Basin
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- BA 9601 192 T Constraining the seismic expression of shallow marine clinoforms using outcrop analogues to calibrate interpretations of the Krossfjord and Fensfjord Formations, Norwegian North Sea
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- BU 9611 2037 K Cretaceous, digital terrain models, plate tectonics, sea-level changes, subsidence, uplifts, Cenozoic
- BU 9603 415 K Cretaceous, Ferron Sandstone Member, fluvial environment, Henry Mountains, petroleum, reservoir rocks, Utah
- BU 9607 1333 K Cretaceous, gas shale, natural gas, reservoir rocks, Shafesbury Formation, British Columbia
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- BU 9608 1449 K Cretaceous, Gulf Coastal Plain, Maverick Basin, natural gas, Pearsall Formation, petroleum, Texas
- BU 9602 245 K Cretaceous, Jurassic, organic compounds, petroleum, source rocks, Congo Basin, Congo Democratic Republic
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- BU 9609 1711 K deformation, hydraulic fracturing, New Mexico, oil and gas fields, petroleum, Texas, two-dimensional models, Carthage Field
- BU 9609 1687 K deformation, hydraulic fracturing, petroleum, reservoir rocks
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- BU 9610 1931 K deltaic environment, Fox Hills Formation, Great Divide Basin, Laramide Orogeny, shelf environment, Washakie Basin, Wyoming, Cretaceous
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- BU 9611 2143 K depositional environment, fluvial environment, FLUVSIM, geostatistics, petroleum, reservoir rocks, reservoir properties, sedimentary rocks
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- BA 9601 187 T Diagenesis of the Mississippian limestones
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- BU 9608 1389 K diagenesis, Nanpanjiang Basin, oolite, petroleum, petroleum exploration, China
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- BU 9603 399 K dolostone, limestone, organic compounds, petroleum, porosity, reservoir rocks, diagenesis
- BU 9607 1369 K dolostone, Mohawk Valley, natural gas, New York, Ordovician, outcrops, Trenton Group, Black River Group
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- BU 9606 983 K faults, Jiayang Depression, petroleum, Tertiary, Bohaiwan Basin, China, Dongying Depression
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- BU 9603 415 K fluvial environment, Henry Mountains, petroleum, reservoir rocks, Utah, Cretaceous, Ferron Sandstone Member
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- BA 9601 189 A Griff, M., Stratigraphy and sedimentology of the Muski and Marshybank Formations, southern Alberta and northern Montana
- BU 9601 133 K Grosmit Formation, reservoir rocks, rheology, viscosity, Alberta, aquitards, bitumens, Devonian
- BU 9610 1981 A Grotke, I., Thermal effects of Zechstein salt and the Early to Middle Jurassic hydrothermal event in the central Polish Basin
- BU 9601 23 K ground water, heat flow, hydrodynamics, Llanos, petroleum, reservoir rocks, Colombia, geothermal gradient
- BU 9608 1579 K ground water, heat flow, petroleum, petroleum exploration, Wyoming, geothermal gradient
- BU 9602 315 K ground water, movement, oil-water interface, petroleum, reservoir rocks, aquifers, compartmentalization
- BU 9604 595 K growth faults, neotectonics, Niger Delta, Nigeria, tectonics, displacements, faults
- BU 9604 729 A Grundman, G., Evaluation of hydrocarbon potential of the Paleozoic (Cambrian–Devonian) source rocks of the Gaspe Peninsula, Quebec, Canada; geochemical characterization, expulsion efficiency, and erosion scenario
- BU 9602 375 K Gulf Coastal Plain, gypsum, Mississippi, petroleum, petroleum exploration, production, Texas, carbonate rocks
- BU 9611 2091 K Gulf Coastal Plain, Louisiana, quartz, sandstone, cement, crystal growth, diagenesis
- BU 9608 1449 K Gulf Coastal Plain, Maverick Basin, natural gas, Pearsall Formation, petroleum, Texas, Cretaceous
- BU 9605 845 K Gulf Coastal Plain, Oligocene, Tertiary, Texas, biostratigraphy, Frio Formation
- BU 9606 1045 K Gulf of Mexico, salt tectonics, seismic methods, seismic profiles, Sigsbee Escarpment, tectonics, allochthons
- BA 9601 190 A Gunderson, K., Unsteady slip history of disconnected thrust faults, Northern Apennines, Italy
- BA 9601 190 A Gupta, N., Integrated characterization of gas-shale
- BU 9611 2037 A Gurnis, M., Sea level and vertical motion of continents from dynamic Earth models since the Late Cretaceous
- BU 9602 375 K gypsum, Mississippi, petroleum, petroleum exploration, production, Texas, carbonate rocks, Gulf Coastal Plain
- BU 9608 1449 A Hackley, P. C., Geological and geochemical characterization of the Lower Cretaceous Pearlsall Formation, Maverick Basin, south Texas; a future shale gas resource?
- BA 9601 197 A Hajek, E., Comparison of floodplain and avulsion-associated deposits in ancient fluvial successions; implications for crevasse splay deposition and avulsion style
- BU 9611 2019 A Hakimi, M. H., Organic geochemical characteristics and interpreted depositional environment of the Khatatba Formation, northern Western Desert, Egypt
- BU 9605 845 A Hammes, U., Seismic interpretation of mass-transport deposits within the upper Oligocene Frio Formation, south Texas Gulf Coast
- BU 9606 1071 A Hammes, U., Spectrum of pore types and networks in mudrocks and a descriptive classification for matrix-related mudrock pores
- BA 9601 190 A Han Yuanjin, Carbonate mineralization in sandstone reservoirs near the top overpressure surface in Dongying Depression
- BU 9612 2245 A Hanks, C., An integrated model of the structural evolution of the central Brooks Range foothills, Alaska, using structural geometry, fracture distribution, geochronology, and microthermometry
- BU 9606 1147 A Hanley, J. J., Paleohydrogeological and thermal events recorded by fluid inclusions and stable isotopes of diagenetic minerals in Lower Cretaceous sandstones, offshore Nova Scotia, Canada
- BU 9612 2215 A Harman, C. A., Sequence development influenced by intermittent cooling events in the Cretaceous Aptian greenhouse, Adriatic platform, Croatia
- BA 9601 190 A Harper, B. B., Deglacial/transgressive fining/deepening upward sequences on the Papua New Guinea shelf edge and upper slope of the Great Barrier Reef; a comparison between two similar mixed siliciclastic carbonate sedimentary systems
- BU 9606 1121 A He, M., Oil families and their inferred source rocks in the Barents Sea and northern Timan-Pechora Basin, Russia
- BA 9601 191 A Head, B., Quantifying the efficiency of sulfide-oxidizing metabolism for the remediation of sour reservoirs
- BU 9601 23 K heat flow, hydrodynamics, Llanos, petroleum, reservoir rocks, Colombia, geothermal gradient, ground water
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- BU 9605 789 K heat flow, natural gas, petroleum, Tarim Basin, absolute age, China, fissure tracks, geothermal gradient
- BU 9608 1579 K heat flow, petroleum, petroleum exploration, Wyoming, geothermal gradient, ground water
- BU 9607 1211 K heavy oil, petroleum, petroleum accumulation, Rocky Mountains, Western Canada Sedimentary Basin, Alberta, basin analysis
- BU 9609 1733 A Hemings-Sykes, S., Normal faults and gas migration in an active plate boundary; southern Taranaki Basin, offshore New Zealand
- BU 9609 1711 A Hennings, P., Damage and plastic deformation of reservoir rocks; Part 2, Propagation of a hydraulic fracture
- BU 9604 753 A Hennings, P., Relationship between fractures, fault zones, stress, and reservoir productivity in the Suban gas field, Sumatra, Indonesia
- BU 9603 415 K Henry Mountains, petroleum, reservoir rocks, Utah, Cretaceous, Ferron Sandstone Member, fluvial environment
- BU 9607 1301 A Hentz, T. F., Reservoir systems of the Pennsylvanian lower Atoka Group (Bend Conglomerate), northern Fort Worth Basin, Texas; high-resolution facies distribution, structural controls on sedimentation, and production trends
- BU 9607 1197 K heterogeneity, natural gas, petroleum, physical properties, porosity, reservoir rocks, clastic rocks
- BA 9601 191 A Heydweiller, E. C., Structural evolution of the eastern Colorado Front Range
- BA 9601 202 T High-latitude shoreface to coastal-plain transition; the Schrader Bluff and Prince Creek Formations at Shrivuk Bluff, North Slope Alaska
- BU 9607 1197 T High-resolution ultrasonic measurements as proxies to resolve clastic reservoir heterogeneity in a salt-cemented gas reservoir
- BU 9607 1211 A Higley, D. K., Source rock contributions to the Lower Cretaceous heavy oil accumulations in Alberta; a basin modeling study
- BU 9610 1867 A Hill, R., Three-dimensional modeling study of the low-permeability petroleum system of the Bakken Formation
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- BA 9601 191 A Hlava, K., Sequence-stratigraphic controls on reservoir-scale architecture of the middle Mesaverde Group, Douglas Creek Arch, Colorado
- BA 9601 192 A Holgate, N. E., Constraining the seismic expression of shallow marine clinoforms using outcrop analogues to calibrate interpretations of the Krossfjord and Fensfjord Formations, Norwegian North Sea
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- BU 9611 2091 T How clay grain coats inhibit quartz cement and preserve porosity in deeply buried sandstones; observations and experiments

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- BU 9601 43 A Hudec, M. R., Geomechanical modeling of stresses adjacent to salt bodies; Part 1, Uncoupled models
- BU 9601 65 A Hudec, M. R., Geomechanical modeling of stresses adjacent to salt bodies; Part 2, Poroviscoelasticity and coupled overpressures
- BU 9606 1045 A Hudec, M. R., Structure and evolution of sutures in allochthonous salt
- BA 9601 192 A Huff, B., Microbial and geochemical characterization of Wellington oil field wells and potential applications to microbial enhanced oil recovery
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- BU 9609 1711 K hydraulic fracturing, New Mexico, oil and gas fields, petroleum, Texas, two-dimensional models, Carthage Field, deformation
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- BU 9602 315 T Hydrodynamic aquifer or reservoir compartmentalization?
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- BU 9601 23 T Hydrodynamic stagnation zones; a new play concept for the Llanos Basin, Colombia
- BU 9601 23 K hydrodynamics, Llanos, petroleum, reservoir rocks, Colombia, geothermal gradient, ground water, heat flow
- BU 9602 337 K hydrogen sulfide, isotopes, oil wells, organic compounds, petroleum, sulfur, Alaska
- BU 9604 635 K hydrogen sulfide, methane, Moxa Arch, Nugget Sandstone, organic compounds, waste disposal, Wyoming
- BU 9604 615 K Iberian Peninsula, lineaments, Lusitanian Basin, Portugal, remote sensing, salt tectonics, faults
- BU 9609 1733 A Ig, B. R., Normal faults and gas migration in an active plate boundary, southern Taranaki Basin, offshore New Zealand
- BU 9603 519 K ilite, natural gas, North German Basin, Permian, petroleum, Röthliegen, absolute age, Germany
- BU 9604 709 A Imber, J., Lateral strike-slip domain in gravitational detachment delta systems; a case study of the northwestern margin of the Niger Delta impact features, Morokweng Crater, South Africa, Tswaing Crater, Vredefort Dome, Witwatersrand, craters
- BU 9607 1279 T Impact of arid surface megacracks on hydrocarbon reservoir properties
- BU 9611 2167 T Importance of the degree of cataclasis in shear bands for fluid flow in porous sandstone, Provence, France
- BU 9604 753 K Indonesia, natural gas, oil and gas fields, oil wells, petroleum, South Sumatra Basin, Suban Field, Sumatra
- BU 9611 2003 T Influence of fracture cements in tight Paleogene saline lacustrine carbonate reservoirs, western Qaidam Basin, northwest China
- BU 9602 355 T Innovative methods for flow-unit and pore-structure analyses in a tight siltstone and shale gas reservoir
- BU 9607 1390 K instruments, petroleum, resistivity, simulation, well logs, formation evaluation
- BA 9601 190 T Integrated characterization of gas-shale
- BU 9608 1429 T Integrated outcrop reservoir characterization, modeling, and simulation of the Jackfork Group at the Baumgartner Quarry area, western Arkansas; implications to Gulf of Mexico deep-water exploration and production
- BU 9606 1017 T Integrating depositional models, ichnology, and sequence stratigraphy in reservoir characterization, the middle member of the Devonian-Carboniferous Bakken Formation of subsurface southeastern Saskatchewan revisited
- BU 9607 1235 T Integration of geology, rock physics, logs, and prestack seismic data for reservoir porosity estimation
- BU 9602 301 K Iraq, petroleum exploration, seismic methods, Zagros, folds, geophysical surveys
- BU 9610 1785 K isotopes, natural gas, New York, noble gases, organic compounds, Appalachian Basin, gas shale
- BU 9601 200 K isotopes, New Mexico, Albian, Chihuahua Basin, Cretaceous, geochemistry
- BU 9602 337 K isotopes, oil wells, organic compounds, petroleum, sulfur, Alaska, hydrogen sulfide
- BU 9611 2065 K Italy, Jurassic, lithostratigraphy, tectonostratigraphic units, Adriatic region, Alps, extension tectonics, faults
- BU 9601 155 K Italy, Mediterranean region, Neogene, petroleum, petroleum exploration, reservoir rocks, Crotone Basin
- BU 9608 1523 A Iversen, G., Present Jurassic petroleum charge facing Paleozoic biodegraded oil; geochemical challenges and potential upsides, Embla Field, North Sea
- BU 9608 1429 K Jackfork Group, petroleum, petroleum exploration, Arkansas, Arkoma Basin, Carboniferous
- BU 9606 1045 A Jackson, M. P. A., Structure and evolution of sutures in allochthonous salt
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- BA 9601 193 A Jacobi, R. D., Testing depositional models and basin geometry for the Utica Shale, Mohawk Valley, New York State
- BU 9612 2193 A Jahren, J., Open or closed geochemical systems during diagenesis in sedimentary basins; constraints on mass transfer during diagenesis and the prediction of porosity in sandstone and carbonate reservoirs
- BU 9612 2275 K Japan, natural gas, oil and gas fields, reservoir rocks, Yufutsu Field, basement tectonics, faults, fractured materials
- BU 9602 235 A Jaramillo, C., Probabilistic correlation of single stratigraphic samples; a generalized approach for biostratigraphic data
- BU 9602 355 A Jensen, J. L., Innovative methods for flow-unit and pore-structure analyses in a tight siltstone and shale gas reservoir
- BU 9607 1173 A Jiang, Zaixing, Discovery and significance of a sedimentary hiatus within the Carboniferous Taiyuan Formation, northeastern Ordos Basin, China
- BU 9606 983 K Jiayang Depression, petroleum, Tertiary, Bohaiwan Basin, China, Dongying Depression, faults
- BU 9609 1782 T John R. Barwin (1934–2012)
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- BA 9601 193 A Jones, K., Testing depositional models and basin geometry for the Utica Shale, Mohawk Valley, New York State
- BA 9601 193 A Jones, P., Coal ball mineralogy and geochemistry from the Kalo Formation of Iowa
- BU 9610 1997 T Joseph Richard (J. R.) Green (1919–2012)
- BU 9611 2019 K Jurassik, Khatatba Formation, natural gas, organic compounds, Shoushan Basin, source rocks, Western Desert, Egypt
- BU 9611 2065 K Jurassik, lithostratigraphy, tectonostratigraphic units, Adriatic region, Alps, extension tectonics, faults, Italy
- BU 9608 1523 K Jurassic, natural gas, North Sea, oil and gas fields, petroleum, biodegradation, Ekoisk Field, Embla Field
- BU 9602 245 K Jurassic, organic compounds, petroleum, source rocks, Congo Basin, Congo Democratic Republic, Cretaceous
- BA 9601 199 A Kamali, M. R., Sequence stratigraphy of the Lower Triassic Kangar Formation, northern part of the Persian Gulf; implications on reservoir characterization
- BU 9602 337 A Kaplan, I. R., Source of molten elemental sulfur and hydrogen sulfide from the Inigok Well, northern Alaska
- BU 9606 1147 A Karim, A., Paleohydrogeological and thermal events recorded by fluid inclusions and stable isotopes of diagenetic minerals in Lower Cretaceous sandstones, offshore Nova Scotia, Canada
- BU 9608 1523 A Karlsen, D. A., Present Jurassic petroleum charge facing Paleozoic biodegraded oil; geochemical challenges and potential upsides, Embla Field, North Sea
- BA 9601 193 A Kasprak, A. H., Environmental and ecological change through the end-Triassic mass extinction; a new biomarker record from the Kennekut Point Formation (British Columbia, Canada)
- BU 9608 1389 A Kelley, B. M., Lower Triassic oolites of the Nanpanjiang Basin, south China; facies architecture, giant ooids, and diagenesis; implications for hydrocarbon reservoirs
- BA 9601 194 A Kelly, M. J., Lateral variations within the Moine thrust zone, NW Scotland and Somiedo-Correcillas Unit, Cantabria, northern Spain; comparisons with Appalachian transverse structures
- BA 9601 194 A Kennedy, M. S., Jr., Marine transgression as the likeliest mechanism for environment change at the k-Pg boundary (Montana, USA)
- BU 9608 1593 T Kenneth Ira Owens (1930–2011)
- BA 9601 194 A Kenroy, P., Compartmentalization of fluids around salt diapirs, northern Spain
- BU 9603 399 A Kenward, P. A., Model for how microbial methane generation can preserve early porosity in dolomite and limestone reservoirs
- BU 9609 1757 A Kerans, C., Outcrop-constrained hydrogeological simulations of brine reflux and early dolomitization of the Permian San Andres Formation
- BU 9604 595 A Khani, H. F., Temporal and lateral variation in the development of growth faults and growth strata in western Niger Delta, Nigeria
- BU 9611 2019 K Khatatba Formation, natural gas, organic compounds, Shoushan Basin, source rocks, Western Desert, Egypt, Jurassic
- BU 9610 1981 A Kiersnowski, H., Thermal effects of Zechstein salt and the Early to Middle Jurassic hydrothermal event in the central Polish Basin
- BU 9601 109 K kinematics, petroleum, Utah, deformation, East Kaibab Monocline, faults, folds
- BU 9604 753 A Kirschner, R., Relationship between fractures, fault zones, stress, and reservoir productivity in the Suban gas field, Sumatra, Indonesia
- BU 9603 557 A Klingenstein, J., Richard O. Donley, Jr. (1926–2011)
- BU 9607 1279 A Klitzsch, N., Impact of arid surface megacracks on hydrocarbon reservoir properties
- BA 9601 195 A Knopp, S. T., Proxies for arid to semiarid paleoclimatic conditions in deeply buried sedimentary successions
- BU 9610 1867 A Kuhn, P. P., Three-dimensional modeling study of the low-permeability petroleum system of the Bakken Formation
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- BU 9603 545 A La Croix, A. D., Computer modeling bioturbation; the creation of porous and permeable fluid-flow pathways
- BU 9602 205 A Lagouni-Defarge, F., A new oil-window indicator? The magnetic assemblage of claystones from the Baffin Bay volcanic margin (Greenland)
- BU 9606 983 A Lampe, C., Fault control on hydrocarbon migration and accumulation in the Tertiary Dongying Depression, Bohai Basin, China
- BA 9601 193 A Langhorn, T. S., Testing depositional models and basin geometry for the Utica Shale, Mohawk Valley, New York State
- BU 9601 87 A Lapierre, S. G., Estimation of kerogen porosity in source rocks as a function of thermal transformation; example from the Mowry Shale in the Powder River basin of Wyoming
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- BU 9611 2091 A Larese, R. E., How clay grain coats inhibit quartz cement and preserve porosity in deeply buried sandstones; observations and experiments
- BU 9601 200 T Late Albian sequence stratigraphy and geochemical events in the Chihuahua Basin, southeast New Mexico

- BA 9601 195 T Late Quaternary high-resolution stratigraphy of a deep water carbonate sand drift (Northern Inner Sea of the Maldives)
- BU 9604 709 T Lateral strike-slip domain in gravitational detachment delta systems; a case study of the northwestern margin of the Niger Delta
- BA 9601 194 T Lateral variations within the Moine thrust zone, NW Scotland and Somiedo-Correcillas Unit, Cantabria, northern Spain; comparisons with Appalachian transverse structures
- BA 9601 179 A Laubach, S. E., Structural diagenesis, resource plays, the Highlands of Scotland, and curriculum development
- BU 9612 2297 A Laubach, S. E., Testing the basin-centered gas accumulation model using fluid inclusion observations; southern Piceance Basin, Colorado
- BU 9610 1867 A Lawrence, J. R., Three-dimensional modeling study of the low-permeability petroleum system of the Bakken Formation
- BA 9601 195 A Leary, R., Provenance and paleogeography of the Liugu Conglomerate, southern Tibet
- BU 9607 1389 K Lease, Leslie William, memorial of
- BU 9607 1389 A Lease, P. J., Leslie William Lease (1920–2012)
- BU 9610 1957 K lebensspuren, oil shale, sedimentary structures, biogenic structures, burrows, coalbed methane, England, gas shale
- BU 9603 545 K lebensspuren, permeability, petroleum, porosity, bioturbation, data processing
- BA 9601 195 A Lechtenberg, K., Evaluating the origin of build-and-fill geometries exposed in the Goosenites, Paradox Basin, Utah, USA
- BA 9601 180 A Leckie, D. A., A multidisciplinary approach to understanding the geology of the Athabasca Oil Sands; 2nd largest hydrocarbon resource on Earth
- BA 9601 179 A Leckie, D. A., Anatomy of an unconformity and its earliest overlying fill—the basinwide sub-Cretaceous unconformity of Western Canada
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- BU 9608 1389 A Lehrmann, D. J., Lower Triassic oolites of the Nanpanjiang Basin, south China; facies architecture, giant ooids, and diagenesis; implications for hydrocarbon reservoirs
- BU 9607 1389 T Leslie William Lease (1920–2012)
- BU 9608 1483 K Lesser Antilles, Orinoco Delta, shelf environment, Trinidad and Tobago, Venezuela, Caribbean region, deltaic environment, depositional environment
- BU 9605 823 K levees, Niger Delta, Nigeria, West Africa, avulsion, continental slope
- BU 9605 789 A Li, Hui, Thermal evolution and maturation of lower Paleozoic source rocks in the Tarim Basin, northwest China
- BU 9608 1389 A Li, Xiaowei, Lower Triassic oolites of the Nanpanjiang Basin, south China; facies architecture, giant ooids, and diagenesis; implications for hydrocarbon reservoirs
- BU 9604 635 A Li, S., Geologic modeling and fluid-flow simulation of acid gas disposal in west-n. Wyoming
- BU 9603 415 A Li, W., Stratigraphic uncertainty in sparse versus rich data sets in a fluvial-deltaic outcrop analog: Ferron Notom delta in the Henry Mountains region, southern Utah
- BU 9603 519 A Liewig, N., Time-constrained illitization in gas-bearing Rotliegende (Permian) sandstones from northern Germany by illite potassium-argon dating
- BU 9607 1333 T Light volatile liquid and gas shale reservoir potential of the Cretaceous Shafesbury Formation in northeastern British Columbia, Canada
- BU 9603 399 K limestone, organic compounds, petroleum, porosity, reservoir rocks, diagenesis, dolostone
- BU 9604 615 K lineaments, Lusitanian Basin, Portugal, remote sensing, salt tectonics, faults, Iberian Peninsula
- BA 9601 184 T Lithofacies and reservoir assessment for the Thirteen Finger Limestone, Hugoton Embayment, Kansas
- BU 9601 1 T Lithofacies and sequence stratigraphy of the Barnett Shale in east-central Fort Worth Basin, Texas
- BU 9601 1 K lithofacies, Mississippian, petroleum, Texas, Barnett Shale, Fort Worth Basin
- BU 9602 277 K lithofacies, outcrops, petroleum, quantitative analysis, reservoir rocks, United States, connectivity, deep-water environment
- BU 9611 2065 K lithostratigraphy, tectonostratigraphic units, Adriatic region, Alps, extension tectonics, faults, Italy, Jurassic
- BU 9602 245 A Little, R., Petrological and geochemical investigations of potential source rocks of the central Congo Basin, Democratic Republic of Congo
- BU 9608 1415 A Liu, Chenglin, Comparison of petroleum resource assessments of China by the U. S. Geological Survey and the China National Petroleum Assessment Team
- BU 9608 1415 A Liu, Wenping, Comparison of petroleum resource assessments of China by the U. S. Geological Survey and the China National Petroleum Assessment Team
- BU 9601 23 K Llanos, petroleum, reservoir rocks, Colombia, geothermal gradient, ground water, heat flow, hydrodynamics
- BU 9604 615 A Lopes, F. C., Mapping of salt structures and related fault lineaments based on remote-sensing and gravimetric data; the case of the Monte Real salt wall (onshore west-central Portugal)
- BA 9601 195 A Lopez, K., Late Quaternary high-resolution stratigraphy of a deep water carbonate sand drift (Northern Inner Sea of the Maldives)
- BU 9610 1843 K Loppa High, paleokarst, Permian, petroleum, seismic methods, Triassic, Barents Sea, carbonate rocks
- BU 9604 729 A Lorant, F., Evaluation of hydrocarbon potential of the Paleozoic (Cambrian-Devonian) source rocks of the Gaspe Peninsula, Quebec, Canada; geochemical characterization, expulsion efficiency, and erosion scenario
- BU 9607 1253 K Los Cabos Field, Malargue fold belt, Neuquen Basin, oil and gas fields, petroleum, Argentina
- BU 9606 1071 A Loucks, R. G., Spectrum of pore types and networks in mudrocks and a descriptive classification for matrix-related mudrock pores
- BU 9611 2091 K Louisiana, quartz, sandstone, cement, crystal growth, diagenesis, Gulf Coastal Plain
- BA 9601 203 T Low temperature calcite and dolomite deformation in a carbonate-shale thrust fault and the effect on porosity
- BU 9608 1389 T Lower Triassic oolites of the Nanpanjiang Basin, south China; facies architecture, giant ooids, and diagenesis; implications for hydrocarbon reservoirs
- BU 9609 1757 A Lucia, F. J., Outcrop-constrained hydrogeological simulations of brine reflux and early dolomitization of the Permian San Andres Formation
- BA 9601 196 A Luettkemeyer, B., Geochemical characterization of CO₂-bearing siliciclastic reservoirs, SE Utah
- BA 9601 196 A Luker, A., A comparison of sequence stratigraphy and mineralogical variations associated with total organic carbon in the Marcellus Shale; Washington County, Pennsylvania
- BU 9605 773 A Lu, Xiaorong, An experimental study of secondary oil migration in a three-dimensional tilted porous medium
- BU 9601 43 A Luo, G., Geomechanical modeling of stresses adjacent to salt bodies; Part I, Uncoupled models
- BU 9601 65 A Luo, G., Geomechanical modeling of stresses adjacent to salt bodies; Part 2, Porroelastoplasticity and coupled overpressures
- BU 9604 615 K Lusitanian Basin, Portugal, remote sensing, salt tectonics, faults, Iberian Peninsula, lineaments
- BU 9609 1643 A Lynda, R., A geological deconstruction of one of the world's largest natural accumulations of CO₂, Moxa Arch, southwestern Wyoming
- BA 9601 196 A Lynn, H. B., Structural controls on fluid migration through thrust faults of the Stewart Peak culmination
- BU 9601 133 A Machel, H. G., Viscosity and other rheological properties of bitumen from the Upper Devonian Grosmont reservoir, Alberta, Canada
- BU 9603 459 A MacPherson, K., Diverse fracture properties and their impact on performance in conventional and tight-gas reservoirs, Saudi Arabia; the Unayzah, South Haradh case study
- BA 9601 180 A MacQuaker, J., Are shales really that dull? Shining light into dark places and the effects of opening Pandora's box
- BA 9601 197 A Madani Kivi, M., Structural and kinematic analysis in the NW part of the Fars domain (Zagros fold-thrust belt) with respect to hydrocarbon basins
- BA 9601 197 A Madden, R. H. C., Diagenesis of Cenozoic isolated carbonates with minor clastic influx; Kutai Basin, Kalimantan
- BU 9602 315 A Mahmood, H., Hydrodynamic aquifer or reservoir compartmentalization?
- BU 9602 375 A Major, R. P., Origins of gypsum in deep carbonate reservoirs; implications for hydrocarbon exploration and production
- BU 9607 1253 K Malarque fold belt, Neuquen Basin, oil and gas fields, petroleum, Argentina, Los Cabos Field
- BU 9604 729 A Male, M., Evaluation of hydrocarbon potential of the Paleozoic (Cambrian-Devonian) source rocks of the Gaspe Peninsula, Quebec, Canada; geochemical characterization, expulsion efficiency, and erosion scenario
- BU 9601 176 A Mancini, E., Wayne M. Ahr (1938–2011)
- BU 9604 615 A Mantas, V. M., Mapping of salt structures and related fault lineaments based on remote-sensing and gravimetric data; the case of the Monte Real salt wall (onshore west-central Portugal)
- BU 9604 615 T Mapping of salt structures and related fault lineaments based on remote-sensing and gravimetric data; the case of the Monte Real salt wall (onshore west-central Portugal)
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- BU 9605 891 K mapping, methods, mineral exploration, mining geology, techniques, drilling
- BA 9601 194 T Marine transgression as the likeliest mechanism for environment change at the k-Pg boundary (Montana, USA)
- BU 9611 2065 A Masetti, D., Tectonostratigraphic evolution of the Jurassic extensional basins of the eastern southern Alps and Adriatic foreland based on an integrated study of surface and subsurface data
- BU 9611 2167 K Massif d'Uchaux, permeability, porosity, reservoir rocks, sandstone, Southeast Basin, cataclasis, France
- BU 9608 1449 K Maverick Basin, natural gas, Pearsall Formation, petroleum, Texas, Cretaceous, Gulf Coastal Plain
- BU 9611 2143 A McCaffrey, W. D., A database approach for constraining stochastic simulations of the sedimentary heterogeneity of fluvial reservoirs
- BU 9605 823 A McHargue, T., Postavulsion channel evolution; Niger Delta continental slope
- BU 9610 1957 A McIlroy, D., Effect of phycisiphoniform burrows on shale hydrocarbon reservoir quality
- BU 9601 155 K Mediterranean region, Neogene, petroleum, petroleum exploration, reservoir rocks, Crotone Basin, Italy
- BU 9601 176 K memorial of Ahr, Wayne M.
- BU 9609 1782 K memorial of Barwin, John R.
- BU 9609 1783 K memorial of Curtis, Bruce F.
- BU 9603 557 K memorial of Domley, Richard A.
- BU 9603 558 K memorial of Fox, W. Blake
- BU 9611 2187 K memorial of Friedman, Gerald M. "Gerry"
- BU 9610 1997 K memorial of Green, Joseph Richard (J. R.)
- BU 9607 1389 K memorial of Lease, Leslie William
- BU 9609 1783 K memorial of O'Connor, Steven James
- BU 9608 1593 K memorial of Owens, Kenneth Ira
- BU 9610 1998 K memorial of Squyres, Coy H.
- BU 9606 1170 K memorial of Young, Robert Glen
- BU 9605 869 K Mesozoic, Navajo Sandstone, petroleum, reservoir properties, stress, Utah, deformation

- BU 9605 877 K Mesozoic, Navajo Sandstone, petroleum, reservoir properties, stress, Utah, deformation
- BU 9603 560 T Meteorite impact! The danger from space and South Africa's mega-impact; the Vredefort Structure
- BU 9604 635 K methane, Moxa Arch, Nugget Sandstone, organic compounds, waste disposal, Wyoming, hydrogen sulfide
- BU 9605 891 K methods, mineral exploration, mining geology, techniques, drilling, mapping
- BU 9603 493 A Miceli Romero, A., Organic geochemistry of the Woodford Shale, southeastern Oklahoma; how variable can shales be?
- BA 9601 192 T Microbial and geochemical characterization of Wellington oil field wells and potential applications to microbial enhanced oil recovery
- BU 9604 665 T Microstructural investigation of gas shales in two and three dimensions using nanometer-scale resolution imaging
- BU 9612 2245 K microthermometry, Alaska, Brooks Range, Endicott Mountains, fluid inclusions, fractures, geochronology
- BU 9602 217 K Middle East, petroleum, porosity, reservoir properties, solution, carbonate rocks
- BU 9609 1733 K migration, mudstone, natural gas, New Zealand, permeability, Taranaki Basin, Tertiary, faults
- BU 9607 1279 K migration, natural gas, petroleum, reservoir properties, arid environment, California, Germany
- BU 9605 773 K migration, petroleum, porous materials, sample preparation, three-dimensional models
- BU 9608 1595 K migration, petroleum, research, alteration, basin analysis, genesis
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- BU 9606 1017 K petroleum, Saskatchewan, Williston Basin, Bakken Formation, Canada, Carboniferous, Devonian, Exshaw Formation
- BU 9610 1843 K petroleum, seismic methods, Triassic, Barents Sea, carbonate rocks, Loppa High, paleokarst, Permian
- BU 9602 245 K petroleum, source rocks, Congo Basin, Congo Democratic Republic, Cretaceous, Jurassic, organic compounds
- BU 9604 753 K petroleum, South Sumatra Basin, Suban Field, Sumatra, Indonesia, natural gas, oil and gas fields, oil wells
- BU 9602 337 K petroleum, sulfur, Alaska, hydrogen sulfide, isotopes, oil wells, organic compounds
- BU 9605 789 K petroleum, Tarim Basin, absolute age, China, fission tracks, geothermal gradient, heat flow, natural gas
- BU 9606 983 K petroleum, Tertiary, Bohaiwan Basin, China, Dongying Depression, faults, Liyang Depression
- BU 9601 1 K petroleum, Texas, Barnett Shale, Fort Worth Basin, lithofacies, Mississippian
- BU 9608 1449 K petroleum, Texas, Cretaceous, Gulf Coastal Plain, Maverick Basin, natural gas, Pearall Formation
- BU 9609 1597 K petroleum, Texas, East Texas Basin, fractures, naturally fractured reservoirs
- BU 9609 1711 K petroleum, Texas, two-dimensional models, Carthage Field, deformation, hydraulic fracturing, New Mexico, oil and gas fields
- BU 9601 109 K petroleum, Utah, deformation, East Kaibab Monocline, faults, folds, kinematics
- BU 9602 245 T Petrological and geochemical investigations of potential source rocks of the central Congo Basin, Democratic Republic of Congo
- BA 9601 198 T Petrophysical core analysis using mineralogical and petro-physical information from the Fort Pulsaki core site, Savannah, GA and its relation to resistivity of carbonates in the Floridian Aquifer system

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- BU 9608 1523 A Phan, N. T., Present Jurassic petroleum charge facing Paleozoic biodegraded oil; geochemical challenges and potential upsides, Embla Field, North Sea
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- BU 9603 560 A Picard, M. D., Book review, Meteorite impact! The danger from space and South Africa's mega-impact, the Vredefort Structure
- BU 9612 2297 K Piceance Creek basin, reservoir rocks, Colorado, fluid inclusions, genesis, natural gas, petroleum accumulation
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- BU 9611 2037 K plate tectonics, sea-level changes, subsidence, uplifts, Cenozoic, Cretaceous, digital terrain models
- BU 9601 65 K Poisson's ratio, salt tectonics, stress, tectonics, deformation, elastoplastic materials, plasticity
- BU 9610 1981 K Poland, Polish Basin, Zechstein, geothermal gradient, heat flow, natural gas, organic compounds, paleotemperature
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- BU 9601 87 K porosity, Powder River basin, reservoir rocks, Wyoming, Cretaceous, Mowry Shale, mudstone, petroleum
- BU 9603 439 K porosity, recovery, resources, Arctic Ocean, Beaufort Sea, Beaufort-Mackenzie Basin, petroleum
- BU 9607 1235 K porosity, reservoir properties, Saudi Arabia, permeability, petroleum, petroleum engineering
- BU 9602 217 K porosity, reservoir properties, solution, carbonate rocks, Middle East, petroleum
- BU 9607 1197 K porosity, reservoir rocks, clastic rocks, heterogeneity, natural gas, petroleum, physical properties
- BU 9603 399 K porosity, reservoir rocks, diagenesis, dolostone, limestone, organic compounds, petroleum
- BU 9612 2193 K porosity, reservoir rocks, sandstone, sedimentary basins, advection, carbonate rocks, diagenesis, North Sea, petroleum
- BU 9611 2167 K porosity, reservoir rocks, sandstone, Southeast Basin, cataclasis, France, Massif d'Uchaus, permeability
- BU 9603 459 K porosity, reservoir rocks, Saudi Arabia, Unayzah Formation, fractures, natural gas, permeability, Permian
- BU 9604 665 K porosity, sedimentary rocks, ultrastructure, natural gas, petroleum
- BU 9606 1099 K porosity, shale, British Columbia, gas shale, natural gas, organic compounds
- BU 9605 773 K porous materials, sample preparation, three-dimensional models, migration, petroleum
- BU 9604 615 K Portugal, remote sensing, salt tectonics, faults, Iberian Peninsula, lineaments, Lusitanian Basin
- BU 9605 823 T Postavulsion channel evolution; Niger Delta continental slope
- BU 9601 87 K Powder River basin, reservoir rocks, Wyoming, Cretaceous, Mowry Shale, mudstone, petroleum, porosity
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- BU 9602 375 K production, Texas, carbonate rocks, Gulf Coastal Plain, gypsum, Mississippi, petroleum, petroleum exploration
- BU 9606 1001 T Production-induced fault compartmentalization at Elk Hills Field, California
- BU 9609 1665 K properties, anisotropy, carbonate rocks, modern analogs
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- BU 9610 1813 T Quantitative outcrop characterization of an analog to weakly confined submarine channel systems; Morillo 1 Member, Ainsa Basin, Spain
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- BU 9604 615 K remote sensing, salt tectonics, faults, Iberian Peninsula, lineaments, Lusitanian Basin, Portugal
- BU 9608 1595 K research, alteration, basin analysis, genesis, migration, petroleum
- BU 9608 1415 K reserves, resources, China, evaluation, natural gas, petroleum
- BA 9601 183 T Reservoir architectures of incised valley fill deposits in the Upper Cretaceous Eagle Formation, south-central Montana
- BU 9607 1279 K reservoir properties, evironment, California, Germany, migration, natural gas, petroleum
- BU 9609 1627 K reservoir properties, capillary pressure, carbonate rocks, permeability, petroleum
- BU 9604 679 K reservoir properties, reservoir rocks, Triassic, Arizona, Chinle Formation, Petrified Forest National Park, petroleum
- BU 9607 1235 K reservoir properties, Saudi Arabia, permeability, petroleum, petroleum engineering, porosity
- BU 9611 2143 K reservoir properties, sedimentary rocks, depositional environment, fluvial environment, FLUVSIM, geostatistics, petroleum, reservoir rocks
- BU 9602 217 K reservoir properties, solution, carbonate rocks, Middle East, petroleum, porosity
- BU 9605 869 K reservoir properties, stress, Utah, deformation, Mesozoic, Navajo Sandstone, petroleum
- BU 9605 877 K reservoir properties, stress, Utah, deformation, Mesozoic, Navajo Sandstone, petroleum
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- BU 9602 315 K reservoir rocks, aquifers, compartmentalization, ground water, movement, oil-water interface, petroleum
- BU 9606 1147 K reservoir rocks, Atlantic Ocean, fluid inclusions, natural gas, Nova Scotia, paleohydrology, petroleum
- BU 9607 1197 K reservoir rocks, clastic rocks, heterogeneity, natural gas, petroleum, physical properties, porosity
- BU 9601 23 K reservoir rocks, Colombia, geothermal gradient, ground water, heat flow, hydrodynamics, Llanos, petroleum
- BU 9612 2297 K reservoir rocks, Colorado, fluid inclusions, genesis, natural gas, petroleum accumulation, Piceance Creek basin
- BU 9601 155 K reservoir rocks, Crotona Basin, Italy, Mediterranean region, Neogene, petroleum, petroleum exploration
- BU 9609 1687 K reservoir rocks, deformation, hydraulic fracturing, petroleum
- BU 9603 399 K reservoir rocks, diagenesis, dolomite, limestone, organic compounds, petroleum, porosity
- BU 9604 729 K reservoir rocks, Gaspe Peninsula, natural gas, Paleozoic, petroleum exploration, Quebec
- BU 9611 2143 K reservoir rocks, reservoir properties, sedimentary rocks, depositional environment, fluvial environment, FLUVSIM, geostatistics, petroleum
- BU 9601 133 K reservoir rocks, rheology, viscosity, Alberta, aquitards, bitumens, Devonian, Grosmost Formation
- BU 9606 1001 K reservoir rocks, San Joaquin Valley, structural traps, California, Elk Hills Field, oil and gas fields, petroleum
- BU 9612 2193 K reservoir rocks, sandstone, sedimentary basins, advection, carbonate rocks, diagenesis, North Sea, petroleum, porosity
- BU 9611 2167 K reservoir rocks, sandstone, Southeast Basin, cataclasis, France, Massif d'Uchaux, permeability, porosity, porosity
- BU 9603 459 K reservoir rocks, Saudi Arabia, Unayzah Formation, fractures, natural gas, permeability, Permian, porosity
- BU 9607 1333 K reservoir rocks, Shaffsbury Formation, British Columbia, Cretaceous, gas shale, natural gas
- BU 9602 355 K reservoir rocks, shale, siltstone, Alberta, British Columbia, Montney Formation, natural gas
- BU 9607 1173 K reservoir rocks, Taiyuan Formation, Carboniferous, China, natural gas, Ordos Basin
- BU 9604 679 K reservoir rocks, Triassic, Arizona, Chinle Formation, Petrified Forest National Park, petroleum, reservoir properties
- BU 9602 277 K reservoir rocks, United States, connectivity, deep-water environment, lithofacies, outcrops, petroleum, quantitative analysis
- BU 9603 415 K reservoir rocks, Utah, Cretaceous, Ferron Sandstone Member, fluvial environment, Henry Mountains, petroleum
- BU 9601 87 K reservoir rocks, Wyoming, Cretaceous, Mowry Shale, mudstone, petroleum, porosity, Powder River basin
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- BU 9607 1301 T Reservoir systems of the Pennsylvanian lower Atoka Group (Bend Conglomerate), northern Fort Worth Basin, Texas; high-resolution facies distribution, structural controls on sedimentation, and production trends
- BU 9607 1390 K resistivity, simulation, well logs, formation evaluation, instruments, petroleum
- BU 9603 439 K resources, Arctic Ocean, Beaufort Sea, Beaufort-Mackenzie Basin, petroleum, porosity, recovery
- BU 9608 1415 K resources, China, evaluation, natural gas, petroleum, reserves
- BU 9601 133 K rheology, viscosity, Alberta, aquitards, bitumens, Devonian, Grosmost Formation, reservoir rocks
- BU 9603 557 T Richard O. Donley, Jr. (1926-2011)
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- BU 9607 1211 K Rocky Mountains, Western Canada Sedimentary Basin, Alberta, basin analysis, heavy oil, petroleum, petroleum accumulation
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- BU 9601 65 K salt tectonics, stress, tectonics, deformation, elastoplastic materials, plasticity, Poisson's ratio
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- BU 9611 2037 K sea-level changes, subsidence, uplifts, Cenozoic, Cretaceous, digital terrain models, plate tectonics
- BU 9612 2193 K sedimentary basins, advection, carbonate rocks, diagenesis, North Sea, petroleum, porosity, reservoir rocks, sandstone
- BU 9611 2143 K sedimentary rocks, depositional environment, fluvial environment, FLUVSIM, geostatistics, petroleum, reservoir rocks, reservoir properties
- BU 9604 665 K sedimentary rocks, ultrastructure, natural gas, petroleum, porosity
- BU 9610 1957 K sedimentary structures, biogenic structures, burrows, coalbed methane, England, gas shale, lebensspuren, oil shale
- BA 9601 183 T Sedimentology and high-resolution stratigraphy of the Shaffsbury Formation (late Albian), NE British Columbia
- BA 9601 200 T Sedimentology, paleogeography, and reservoir characterization of the early Paleocene-middle Eocene carbonate platform, the Marginal Terrace, NW Black Sea
- BA 9601 178 T Seismic detection of faults and fractures
- BU 9605 845 T Seismic interpretation of mass-transport deposits within the upper Oligocene Frio Formation, south Texas Gulf Coast

- BU 9606 1045 K seismic methods, seismic profiles, Sigsbee Escarpment, tectonics, allochthonous, Gulf of Mexico, salt tectonics
- BU 9610 1843 K seismic methods, Triassic, Barents Sea, carbonate rocks, Loppa High, paleokarst, Permian, petroleum
- BU 9602 301 K seismic methods, Zagros, folds, geophysical surveys, Iraq, petroleum exploration
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- BA 9601 199 T Sequence stratigraphy of the Lower Triassic Kangan Formation, northern part of the Persian Gulf; implications on reservoir characterization
- BU 9612 2215 K sequence stratigraphy, Adriatic region, Cretaceous, Croatia, paleoclimatology, paleotemperature, sea-level changes
- BA 9601 184 T Sequence stratigraphy, reservoir distribution, and diagenesis, Cleveland Sandstone, western Oklahoma
- BA 9601 191 T Sequence-stratigraphic control on reservoir-scale architecture of the middle Mesaverde Group, Douglas Creek Arch, Colorado
- BU 9607 1333 K Shafesbury Formation, British Columbia, Cretaceous, gas shale, natural gas, reservoir rocks
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- BU 9602 355 K shale, siltstone, Alberta, British Columbia, Montney Formation, natural gas, reservoir rocks
- BU 9606 1121 K shale, source rocks, Timan-Pechora region, Barents Sea, petroleum, Russian Federation
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- BU 9610 1931 K shelf environment, Washakie Basin, Wyoming, Cretaceous, deltaic environment, Fox Hills Formation, Great Divide Basin, Laramide Orogeny
- BU 9608 1483 T Shelf-edge deltas along structurally complex margins, a case study from eastern offshore Trinidad
- BU 9611 2019 K Shoushan Basin, source rocks, Western Desert, Egypt, Jurassic, Khatathra Formation, natural gas, organic compounds
- BU 9606 1045 K Sigsbee Escarpment, tectonics, allochthonous, Gulf of Mexico, salt tectonics, seismic methods, seismic profiles
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- BU 9607 1390 K simulation, well logs, formation evaluation, instruments, petroleum, reservoir
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- BU 9602 245 K source rocks, Congo Basin, Congo Democratic Republic, Cretaceous, Jurassic, organic compounds, petroleum
- BU 9606 1121 K source rocks, Timan-Pechora region, Barents Sea, petroleum, Russian Federation, shale
- BU 9611 2019 K source rocks, Western Desert, Egypt, Jurassic, Khatathra Formation, natural gas, organic compounds, Shoushan Basin
- BU 9603 560 K South Africa, Tsingela Crater, Vrededorp Dome, Witwatersrand, craters, impact features, Morokweng Crater
- BU 9610 1867 K South Dakota, Williston Basin, Bakken Formation, Montana, natural gas, North Dakota, petroleum, Saskatchewan
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- BU 9608 1523 A Strand, T., Present Jurassic petroleum charge facing Paleozoic biodegraded oil; geochemical challenges and potential upsides, Embala Field, North Sea
- BU 9603 415 T Stratigraphic uncertainty in sparse versus rich data sets in a fluvial-deltaic outcrop analog; Ferron Notom delta in the Henry Mountains region, southern Utah
- BA 9601 188 T Stratigraphy and paleo-hydraulics of upper-slope submarine channel deposits of the Brushy Canyon Formation, West Texas
- BA 9601 199 T Stratigraphy and provenance of super-mature Middle Ordovician quartz arenites of the Simpson Group and St. Peter Formation (Ancell Group), Oklahoma and Arkansas
- BA 9601 189 T Stratigraphy and sedimentology of the Muski and Marshybank Formations, southern Alberta and northern Montana
- BU 9601 65 K stress, tectonics, deformation, elastoplastic materials, plasticity, Poisson's ratio, salt tectonics
- BU 9601 43 K stress, tectonics, nomenclature, orientation, pore pressure, salt tectonics
- BU 9605 869 K stress, Utah, deformation, Mesozoic, Navajo Sandstone, petroleum, reservoir properties
- BU 9605 877 K stress, Utah, deformation, Mesozoic, Navajo Sandstone, petroleum, reservoir properties
- BA 9601 197 T Structural and kinematic analysis in the NW part of the Fars domain (Zagros fold-thrust belt) with respect to hydrocarbon basins
- BA 9601 196 T Structural controls on fluid migration through thrust faults of the Stewart Peak culmination
- BU 9610 1899 K structural controls, tectonics, Wind River basin, Wyoming, basement tectonics, Bighorn Basin, compression tectonics, Rocky Mountains foreland
- BA 9601 179 T Structural diagenesis, resource plays, the Highlands of Scotland, and curriculum development
- BA 9601 191 T Structural evolution of the eastern Colorado Front Range
- BU 9606 1001 K structural traps, California, Elk Hills Field, oil and gas fields, petroleum, reservoir rocks, San Joaquin Valley
- BU 9606 1045 T Structure and evolution of sutures in allochthonous salt
- BU 9604 753 K Suban Field, Sumatra, Indonesia, natural gas, oil and gas fields, oil wells, petroleum, South Sumatra Basin
- BU 9610 1813 K submarine canyons, Ainsa Basin, Eocene, Morillo I Member, natural gas, ocean floors, Spain
- BU 9611 2037 K subsidence, uplifts, Cenozoic, Cretaceous, digital terrain models, plate tectonics, sea-level changes
- BU 9602 337 K sulfur, Alaska, hydrogen sulfide, isotopes, oil wells, organic compounds, petroleum
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- BU 9611 2003 A Tang Xiaomei, Influence of fracture cements in tight Paleogene saline lacustrine carbonate reservoirs, western Qaidam Basin, northwest China
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- BU 9605 789 K Tarim Basin, absolute age, China, fission tracks, geothermal gradient, heat flow, natural gas, petroleum
- BU 9605 891 K techniques, drilling, mapping, methods, mineral exploration, mining geology

- BU 9602 301 T Tectonic geomorphological investigations of antiforms using differential geometry; Permian Anticline, northern Iraq
- BU 9606 1045 K tectonics, allochthons, Gulf of Mexico, salt tectonics, seismic methods, seismic profiles, Sigbee Escarpment
- BU 9601 65 K tectonics, deformation, elastoplastic materials, plasticity, Poisson's ratio, salt tectonics, stress
- BU 9604 595 K tectonics, displacements, faults, growth faults, neotectonics, Niger Delta, Nigeria
- BU 9604 709 K tectonics, faults, fold and thrust belts, Niger Delta, Nigeria
- BU 9601 43 K tectonics, nomenclature, orientation, pore pressure, salt tectonics, stress
- BU 9610 1899 K tectonics, Wind River basin, Wyoming, basement tectonics, Bighorn Basin, compression tectonics, Rocky Mountains foreland, structural controls
- BU 9611 2065 T Tectonostratigraphic evolution of the Jurassic extensional basins of the eastern southern Alps and Adriatic foreland based on an integrated study of surface and subsurface data
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- BU 9609 1733 K Tertiary, faults, migration, mudstone, natural gas, New Zealand, permeability, Taranaki Basin
- BU 9605 845 K Tertiary, Texas, biostratigraphy, Frio Formation, Gulf Coastal Plain, Oligocene
- BA 9601 193 T Testing depositional models and basin geometry for the Utica Shale, Mohawk Valley, New York State
- BU 9612 2297 T Testing the basin-centered gas accumulation model using fluid inclusion observations, southern Piceance Basin, Colorado
- BU 9607 1301 K Texas, Atoka Formation, Bend Group, Boonsville Field, Fort Worth Basin, natural gas, oil and gas fields, Pennsylvanian
- BU 9608 1553 K Texas, Barnett Shale, diagenesis, Fort Worth Basin, Mississippian, mudstone
- BU 9601 1 K Texas, Barnett Shale, Fort Worth Basin, lithofacies, Mississippian, petroleum
- BU 9605 845 K Texas, biostratigraphy, Frio Formation, Gulf Coastal Plain, Oligocene, Tertiary
- BU 9609 1757 K Texas, brines, carbonate rocks, diagenesis, dolomitization, modern analogs, New Mexico
- BU 9602 375 K Texas, carbonate rocks, Gulf Coastal Plain, gypsum, Mississippi, petroleum, petroleum exploration, production
- BU 9608 1449 K Texas, Cretaceous, Gulf Coastal Plain, Maverick Basin, natural gas, Pearall Formation, petroleum
- BU 9609 1597 K Texas, East Texas Basin, fractures, naturally fractured reservoirs, petroleum
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- BU 9609 1597 T Thermomechanical origin of regional fracture systems
- BU 9608 1593 A Thompson, S., III, Kenneth Ira Owens (1930–2011)
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- BU 9610 1843 K Triassic, Barents Sea, carbonate rocks, Loppa High, paleoearst, Permian, petroleum, seismic methods
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- BU 9604 665 K ultrastructure, natural gas, petroleum, porosity, sedimentary rocks
- BU 9603 459 K Unayash Formation, fractures, natural gas, permeability, Permian, porosity, reservoir rocks, Saudi Arabia
- BU 9602 277 K United States, connectivity, deep-water environment, lithofacies, outcrops, petroleum, quantitative analysis, reservoir rocks
- BU 9610 2000 K United States, Western U.S., ecology, environmental geology, fires, forests
- BA 9601 190 T Unsteady slip history of disconnected thrust faults, Northern Apennines, Italy
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- BU 9612 2275 T Use of a computational fault-extraction process with calibrations to characterize a fractured basement reservoir, Yufutsu, Japan
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- BU 9601 155 T Vertical compartmentalization of reservoirs; an example from an outcrop analog, Crotone Basin, southern Italy
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- BU 9611 2019 K Western Desert, Egypt, Jurassic, Khataba Formation, natural gas, organic compounds, Shoushan Basin, source rocks
- BU 9610 2000 K Western U.S., ecology, environmental geology, fires, forests, United States
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- BU 9610 1867 K Williston Basin, Bakken Formation, Montana, natural gas, North Dakota, petroleum, Saskatchewan, South Dakota
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